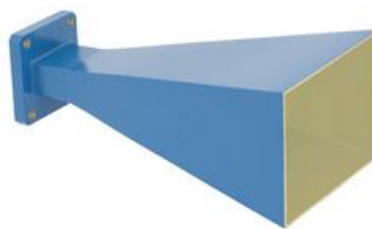


Descriptions:

Model **YX-SGH-34-25** is a standard gain horn antenna that operates from 22~33GHz, it is linear polarization, The RF port is equipped with wave-guide flange which is optional.

**Features:**

- Wide-band Frequency, High Gain
- Excellent Conditionality, linear Polarization
- Lightweight, high reliability, and long lifespan

Applications:

- Antenna Communication System
- Antenna Measurement and Calibration
- Research and Experimentation

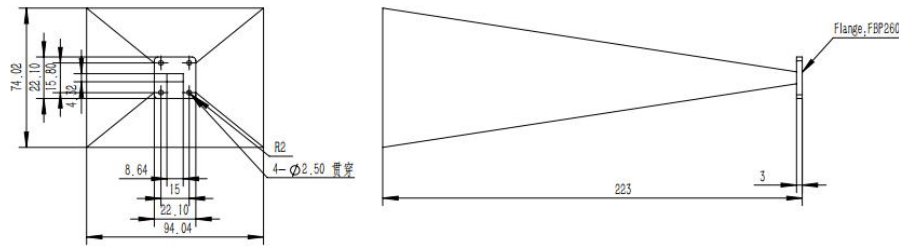
**Electrical & Environmental Characteristics**

Frequency	22-33GHz
Gain	25 dB typical
VSWR	1.25 max
Polarization	Linear
E-Plane 3 dB Beam width	10 to 6 degrees
H-Plane 3 dB Beam width	11 to 7 degrees
Cross Polarization	-25dB max
Specification Temperature	+25℃
Operating Temperature	-40℃~+85℃

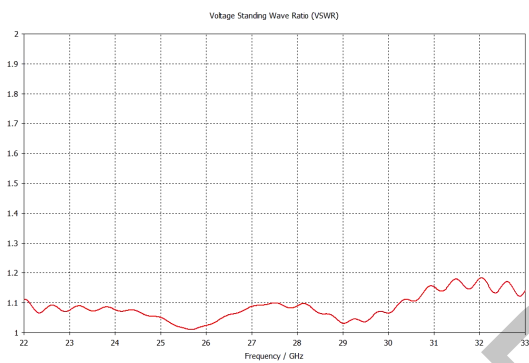
Mechanical Specifications

Antenna port	WR34 Waveguide
Flange	UBR260(FBP260)/Optional
Material	Aluminum/Brass
Finishing Inside and Outside	Chem Film Inside, Painting Outside(Color Optional)
Size	223*94.04*74.02 mm
Weight (approx.)	/

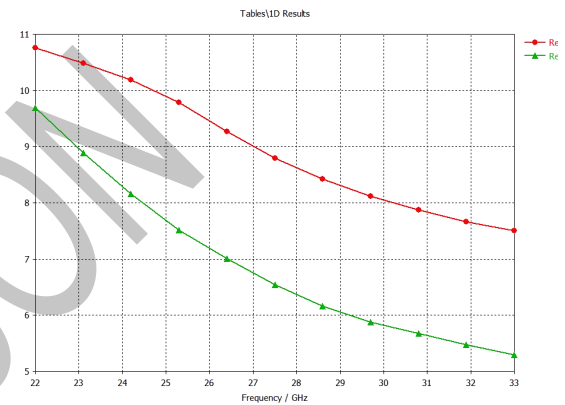
Outline Drawing(Unit: mm):



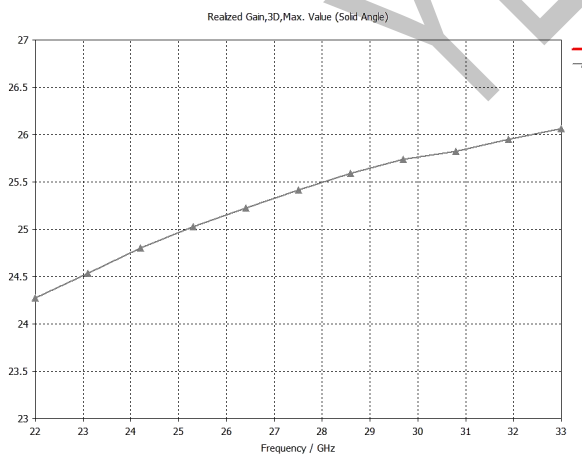
VSWR VS Frequency



3dB Beam width



Gain VS Frequency Plots



Notice: All of the aborning data is simulation for reference.

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